

Google Cloud Print Guide



Definitions of notes

We use the following icon throughout this user's guide:

NOTE	Notes tell you how you should respond to a situation that may arise or give tips about how the operation works with other features.
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Open Source Licensing Remarks

Brother machines use open-source software for Google Cloud Print.

To see the open source licensing remarks, go to the manual download selection on your model's home page of Brother Solutions Center at <http://solutions.brother.com/>.

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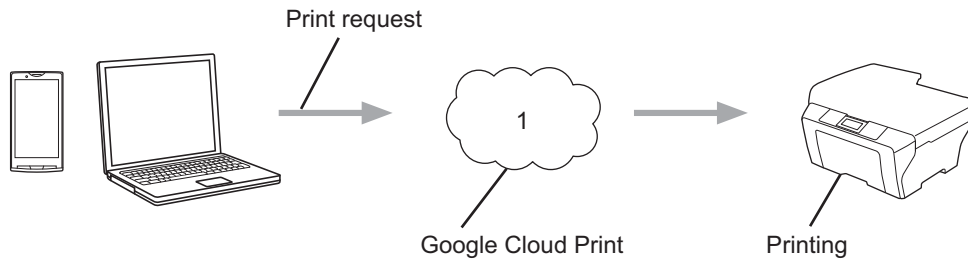
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Introduction

Overview

Google Cloud Print™ is a service provided by Google that allows you to print to a printer registered to your Google account using a network-compatible device, such as a mobile phone or computer, without installing the printer driver on the device.



1 Internet

Hardware requirements

Compatible operating systems and applications

Google Cloud Print is compatible with the following operating systems and applications (as of July 2012):

Operating systems

- Chrome OS
- Android™ 2.1 or greater
- iOS 3.0 or greater

Applications that can be used for printing

- Applications for Chrome OS
- Google Chrome™ browser
- GOOGLE DOCS™ for mobile
- Gmail™ webmail service for mobile

Visit the Google website (<http://www.google.com/support/cloudprint/>) for more information about compatible operating systems and applications.

Network settings

In order to use Google Cloud Print, your Brother machine must be connected to a network that has access to the Internet, either through a wired or wireless connection. See your Brother machine's Quick Setup Guide to connect and configure your machine appropriately.

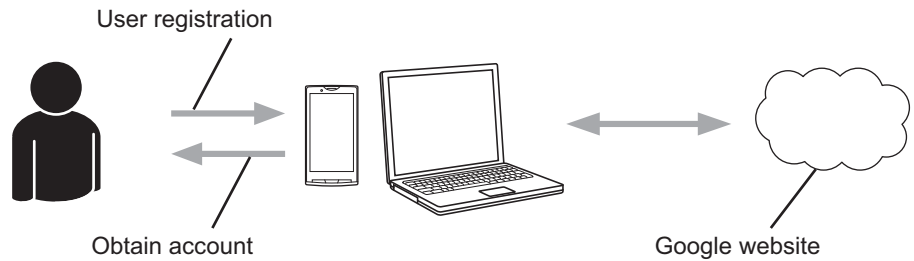
Setting up for Google Cloud Print

Step-by-step overview

Configure the settings using the following procedure:

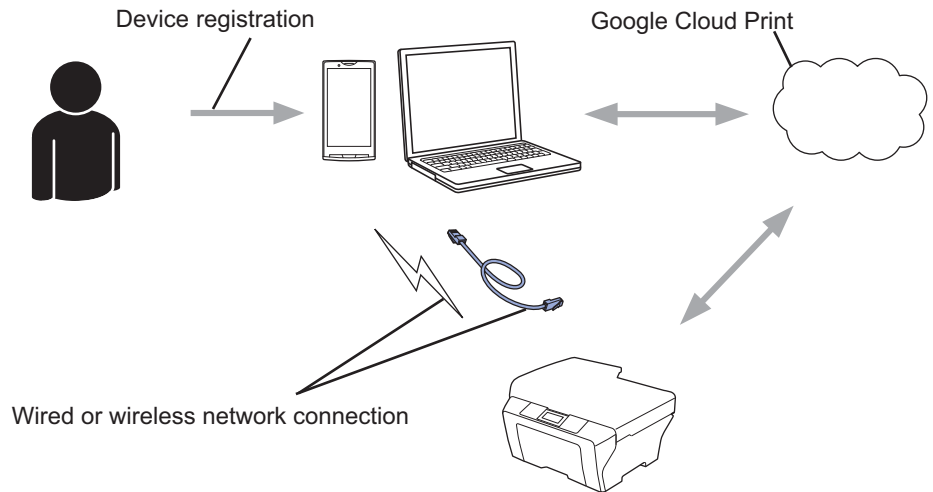
Step 1: Create a Google account (see page 4).

Access the Google website using a computer or mobile device and create an account. You must sign in to your Google account in order to use Google Cloud Print. (If you already have an account, there is no need to create an additional account.)



Step 2: Register your machine with Google Cloud Print (see page 4).

Register your machine with Google Cloud Print using your computer's or your mobile device's web browser.



The machine can now use the service.

How to create a Google account

In order to use Google Cloud Print, you must have a Google account and sign in to your account. If you do not have an account, use a computer or mobile device to access the Google website and create an account.

If you already have a Google account, there is no need to create an additional account.

Continue with the next procedure, *How to register your machine with Google Cloud Print*.

How to register your machine with Google Cloud Print

You must register your machine with Google Cloud Print using Web Based Management (web browser). A standard web browser can be used to manage your machine using Hypertext Transfer Protocol (HTTP).

NOTE


- The screens in this section are examples from an inkjet machine.
- For information about the number of printers you can register, visit the Google website (<http://www.google.com/support/cloudprint/>).

- 1 Before you begin to register your machine, confirm that the correct time and date are set on the control panel of the machine. See the Quick Setup Guide included with your machine for instructions on setting the correct time and date.
- 2 Confirm that the machine is connected to the same network as the computer or mobile device.
- 3 Open the web browser on your computer or mobile device.
- 4 Type “<http://machine's IP address/>” into your browser's address bar (where “machine's IP address” is your machine's IP address).

- For example:

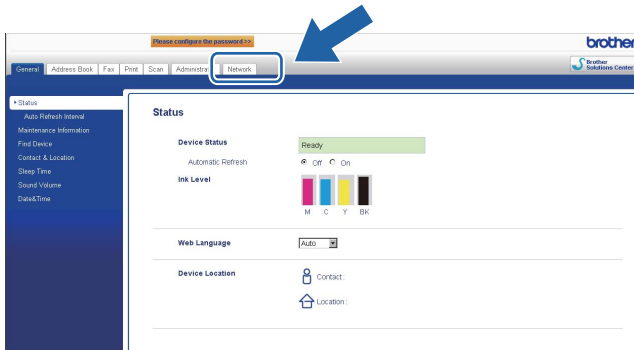
```
http://192.168.1.2/
```

NOTE

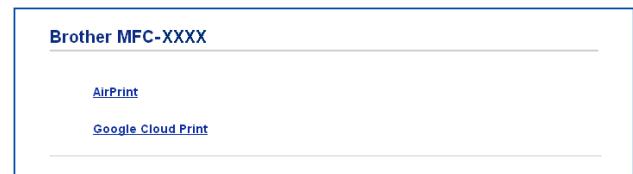
- You can see your machine's IP address in the Network menu on the control panel of your machine. For more information, see your machine's Network User's Guide.
- If you have set the login password for Web Based Management, type your password in the **Login** box, then click .

- 5 Depending on your machine, one of the following screens is displayed.

(A)

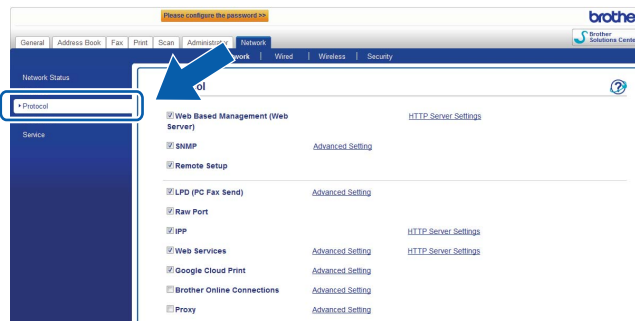


(B)



Do one of the following:

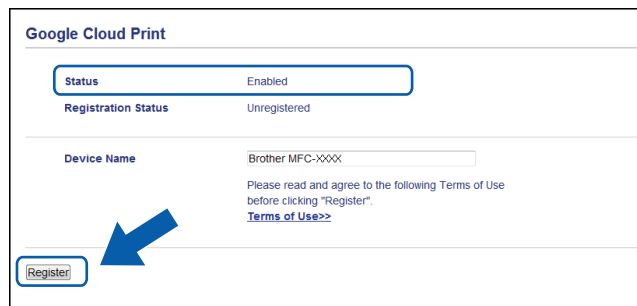
- If screen (A) is displayed
 - 1 Click **Network**.
 - 2 Click **Protocol**.



- 3 Make sure that **Google Cloud Print** is selected, and then click **Advanced Setting**. Go to step 6.

- If screen (B) is displayed, click **Google Cloud Print**, and then go to step 6.

- 6 Make sure that the **Status** option is **Enabled**. Click **Register**.



- 7 Click **Google**.
- 8 The sign-in screen for Google Cloud Print will be displayed. Sign in with your Google account and follow the on-screen instructions to register your machine.
- 9 When you have finished registering your machine, return to the Web Based Management screen and make sure that **Registration Status** is set to **Registered**.

The screenshot shows a web interface for Google Cloud Print. At the top, it says "Google Cloud Print". Below that, there is a green "Submit OK" message. The "Status" is "Enabled". The "Registration Status" is "Registered", which is highlighted with a blue border. There is a checkbox for "Unregister this device" which is currently unchecked. Under the "Google Account" section, the "E-mail" is "xxxxx@gmail.com" and the "Device Name" is "Brother MFC-XXXX". At the bottom, there are "Cancel" and "Submit" buttons.

NOTE

If your machine supports the Secure Function Lock feature, printing via Google Cloud Print is possible even if PC print for each user is restricted. To restrict printing via Google Cloud Print, disable Google Cloud Print using Web Based Management or set the Secure Function Lock feature to Public Mode, and then restrict PC print for public. For more details, see the Network User's Guide and the Advanced User's Guide.

Printing using Google Cloud Print

The printing procedure varies depending on the application or device you are using. Chrome OS, GOOGLE DOCS™ for mobile and the Gmail™ webmail service for mobile are used in the example below.

NOTE

- For information about the number of printers you can register, visit the Google website (<http://www.google.com/support/cloudprint/>).
 - Some encrypted PDF files cannot be printed.
 - When printing a PDF file that uses fonts that are not embedded in the file, characters may be replaced with characters of a different font or may be garbled.
 - When printing a PDF that includes transparent objects, the transparency setting will be ignored and the file will be printed with that setting off.
-

How to print from Chrome OS


- 1 Make sure your machine is turned on.
- 2 On the web page that you want to print, click the wrench icon, and then click **Print** (you can also use the keyboard shortcut: Ctrl+P).
- 3 Select your machine from the printer list.
- 4 Depending on your machine, you may be able to change print options such as media type and paper size.
Click **Options**, then click **Advanced options**, and then select the option that you want to set or change.

NOTE

Only settings that can be changed are displayed.

- 5 Click **Print**.

How to print from GOOGLE DOCS™ for mobile

- 1 Make sure your machine is turned on.
- 2 Access GOOGLE DOCS™ from your Android™ or iOS device's web browser.
- 3 Open the document that you want to print.
- 4 Tap .
- 5 Tap **Print**.


- 6 Choose your machine from the printer list.
- 7 Depending on your machine, you may be able to change print options such as media type and paper size.
Click **Options**, and then select the option that you want to set or change.

NOTE

Only settings that can be changed are displayed.

- 8 Tap **Print**.

How to print from Gmail™ webmail service for mobile

- 1 Make sure your machine is turned on.
- 2 Access the Gmail™ webmail service from your Android™ or iOS device's web browser.
- 3 Open the e-mail that you want to print.
- 4 Tap .

NOTE

If **Print** is displayed beside the attachment file name, you can print the attachment. Tap **Print** and then go to step 6.

- 5 Tap **Print**.
- 6 Choose your machine from the printer list.
- 7 Depending on your machine, you may be able to change print options such as media type and paper size.
Click **Options**, and then select the option that you want to set or change.

NOTE

Only settings that can be changed are displayed.

- 8 Tap **Print**.

A

Troubleshooting

This chapter explains how to resolve typical problems you may encounter when using Google Cloud Print with your Brother machine. If, after reading this chapter, you are unable to resolve your problem, visit the Brother Solutions Center at: <http://solutions.brother.com/>.

If you are having difficulty with your machine

Difficulty	Suggestions
My Brother machine is not displayed in the printer list.	Make sure your machine is turned on.
	Use Web Based Management to confirm that Google Cloud Print is enabled and your machine is registered with Google Cloud Print (see <i>How to register your machine with Google Cloud Print</i> on page 4).
I cannot print.	Make sure your machine is turned on.
	Confirm your network settings (see <i>Network settings</i> on page 2).
	Certain files may not be able to be printed, or may not appear exactly as they are displayed.
I received the error message: Unable to connect to Google. Please check your network settings.	Make sure your machine is connected to a network with Internet access.
I received the error message: Please set the date and time.	Verify that the date and time are set correctly on your machine (for more information, see your machine's Quick Setup Guide).

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